INDEX OF VOLUME XI.

Acherontiinæ, 408.
Acridium, 360.
Additional Notes on the Life History of Bombus auricomus. 43.
Agromyza laterella, 9.
Agrotis ypsilon, 119, 129.
Ainslie, Geo. G., article by, 51.
Aldrich, J. M., article by, 63.
Alexander, Chas. P., article by, 443.
Aleyrodes vaporariorum, 227.
Algunos Casos Teratologicos Observados En Los Artropodos, 97.
Alimentary Canal of the Larva of Altica Bimarginata, 283.
Alnus incana, 283.
Altica bimarginata, 283.
Alydinæ of the U. S., 255.
Alydini, 261.
Alydus, 261, 265.
  conspersus, 255, 266, 270, 271.
  eurinus, 255, 256, 269.
  pilosulus, 266, 272.
  pluto, 266, 267.
  rufescens, 271.
  scutellatus, 266, 272.
  tomentosus, 266, 267.
Alurnus 4-maculatuse, 98.
Ampeloeca, 409, 433.
  myron, 434.
  versicolor, 434.
Amphion, 409, 437.
  nessus, 437.
Amphiscepa bivittata, 227.
Anasa tristis, 119, 125, 227.
Anemone nemorosa, 69.
Anthonomus signatus, 179.
Aonidiella calurus, 168.
Anosia plexippus, 119, 129.
Aphrophora sp., 227.
Apidaurus, 262.
Apis mellifica, 1.
Apsylla cistellata, 227.
Apterygota, 2.
Arenophilus bipuncticeps, 376.
  watsingus, 376.
Arytaina robusta, 227, 236.
Asemanaphoræ, 406, 408.
Aspidiotus cocotiphagus, 162.
  cyanophylli, 165.
  destructor, 165.
  fabernii, 165.
  hederæ, 167.
  lantaniæ, 166.
  palme, 167.
  sacchari, 167.
  spinosus, 167.
  subsimilis var. anonæ, 163.
  subsimilis, 164.
  ulmi, 164.
Asterolecanium bambusæ, 159.
  pustulans, 159.
Atreus, 408.
  plebeja, 417, 418.
Auditing Committee, Report of, 106.
Bacillus poncei, 23, 27, 29.
Ball, E. D., article by, 381.
Belostoma americana, 227, 237.
Benacus griseus, 119.
Bombus auricomus, 43.
Brochymena, 227.
Buprestis Linne, 90.
  adjecta, 91.
  aurulentia, 90.
  caurina, 92.
  confluens, 91.
  connexa, 91.
  fasciata, 91.
  fasciata var. langii, 90.
  gibbsii, 91.
  læviventris, 90.
  maculiventris var. subornata, 90.
Burtinus, 261, 265.
  notatipennis, 265.
Calliphora viridescens, 120, 130.
Calopteron, 97.
Cambala annulata, 374.
Campos R., Francisco, article by, 97.
Capulinia sallei, 159.
Celerio, 409, 439.
  gallii intermedia, 441.
  lineata, 440.
Centrurus margaritatus, 98.
Ceratomia, 408.
  amyntor, 416.
  undulosa, 415.
Ceresa sp., 227.
Cerodonta, Seasonal and Climatic Variation, 63.
Cerodonta dorsalis, 63.
Ceroplastes cerripidiformis, 159.
Chalicodoma, 4.
Chærocampinæ, 409, 438.
Chamberlin, R. V., article by, 369.
Chlænogramma, 408.
  jasminearum, 413.
Chilopoda, 375.
Chionaspis citri, 160.
Chrysomphalus aonidum, 168.
  dictyospermi, 168.
Cicada, 227.
  tibicen, 228, 231.
Cimex lectularius, 227.
  tipuloides, 260.
Claassen, P. W., article by, 9.
Cleidogona, 370.
Coccidæ of Cuba, 157.
Coccobacillus acridiorum, 19, 20, 22.
  Systematic Study of, 19.

Coccus mangiferæ, 160.
Cocytius antæus, 408, 411.
Comparative Morphology of the Genitalia of Insects, 109.
Comstock, J. H., article by, 222.
Conchaspis angræci, 159, 171.
  angræci hibisci, 171.
  fluminensis, 171.
  newsteadi, 171.
  socialis, 171.
Conosia, 443.
  irrorata, 448.
Contributions to a Knowledge of the Crambinæ of North America, 51.
Coriscus sp., 227.
Corixa, 119, 227.
Corydalis, 119, 227, 283.
  cornuta, 119.
Corythuca sp., 227.
Crambinæ of N. A., 51.
Crambus caliginosellus, 53.
  hemiochrellus, 51.
  luteolellus, 51.
  mutabilis, 51, 57.
  trisectus, 57.
Crampton, G. C., article by, 347.
Crane-flies, Japanese, 443.
Crane-fly, Life history, Leaf-eating, 66.
Cressonia, 408, 427.
  juglandis, 427, 428.
Crossopalpus, 184.
Crypteria japonica, 448.
Cryptops hyalinus, 375.
Cryptotympana epithesia, 227, 228, 230.
Ctenacroscelis, 443.
  mikado, 449.
Ctenodrapetis, 184, 187.
  aristalis, 205, 219.
  ciliatocosta, 187, 219.
  cuneipennis, 206, 219.
  discoidalis, 219.
  gracilis, 219.
  hamifera, 219.
  monochæta, 219.
  rubrithorax, 219.
  strigifera, 219.
  valdiviana, 219.
Cuba, Coccidæ of, 157.
Cybister fimbriolatus, 119, 128.
Cydamus, 257.
  borealis, 259.
Cylindrotoma distinctissima, 69.
  splendens, 67, 76.
Darapsa, 409, 434.
  pholus, 435.
Daremma, 408.
  catalpæ, 417.
Darmistus, 257.
  subvittatus, 258.
Dascyllidæ, 393.
Deidamia, 409, 436.
  inscriptum, 436.
Diaspis boisduvalii, 161.
  pentagona, 162.
Dibrachys clisiocampæ, 175, 179, 180.
Dicranomyia, 443.
  depauperata, 44.
Dictenidia fasciata, 449.
Diplopoda, 370.
Dipterous Genus Drapetis Meigen, 183.
Discobola, 443.
Dissosteira carolina, 119, 347.
Dixianus, 381, 387.
  costomaculatus, 387.
  utahnus, 387.
Dolba, 408.
  hylæus, 414.
Dolerus unicolor, 120, 131.
Donacia, 2, 4.
Doryphora decemlineata, 128.
Dræculacephala sp., 227.
Drapetis, 183.
  alitermigra, 192, 215.
  assimilis, 215.
  bispina, 192, 215.
  brevior, 215.
  decolorata, 215.
  distans, 215.
  divergens, 215.
  diversa, 193, 215.
  dividua, 215.
  exilis, 215.
  fascifemorata, 215.
  femorata, 215.
  flavicornis, 193, 215.
  flavipes, 216.
  inermis, 194.
  infumata, 194, 216.
  latipennis, 216.
  micropyga, 195, 216.
  mortua, 216.
  naica, 195, 216.
  nigripes, 216.
  pilosa, 196, 216.
  pusilla, 216.
  var. fumipennis, 216.
  rotundicornis, 216.
  rufipes, 216.
  setulosa, 197, 216.
  trichura, 197, 216.
  xanthopyga, 216.
Elaphropeza, 185, 187.
  abdominalis, 219.
  antennata, 219.
  bacis, 219.
  basalis, 219.
  bicolor, 219.
  bicoloripes, 219.
  bihamata, 219.
  binotata, 219.
  calcarifera, 219.

Elaphropeza (*Continued*)
callositibia, 219.
calva, 206, 219.
comata, 207, 219.
dispar, 220.
ephippiata, 187, 220.
exul, 220.
ferruginea, 220.
flavicollis, 220.
flavida, 220.
formosæ, 220.
fulvithorax, 220.
hirsutitibia, 220.
inflexa, 207, 220.
kerteszi, 220.
læta, 208, 220.
var, nigrocalcarata, 208, 220.
var. ungulifera, 208, 220.
lanuginosa, 220.
lineola, 220.
lutea, 220.
luteicollis, 209, 220.
marginalis, 221.
melanura, 221.
metatarsata, 221.
nigricans, 209, 221.
obliquinervus, 221.
palpata, 221.
pictithorax, 221.
pleuralis, 210, 221.
plumea, 210, 221.
rectineura, 211, 221.
scutellaris, 221.
seminigra, 211, 221.
simplicipes, 212, 221.
spuria, 221.
tenera, 212, 221.
uniseta, 213, 221.
upsilon, 214, 221.
variata, 221.
variegata, 221.
vittata, 214.
xanthocephala, 221.
Emesa sp., 227, 244.
Encoptolophus sordidus, 28.
Ephemeridæ, 2, 4.
Erbula, 260.
Erinnyis alope, 430.
ello, 430.
Eriocera, 443.
nipponensis, 446.
Erioptera, 443.
asiatica, 447.
asymmetrica, 447.
Esperanza, 257.
texana, 259.
Eudrapetis, 187.
ænea, 216.
ænescens, 216.
armata, 197, 217.
armipes, 217.
Eudrapetis (*Continued*)
aterrima, 217.
brevis, 217.
decorata, 217.
discalis, 198, 217.
diversipes, 198, 217.
dorsiseta, 199, 217.
facialis, 200, 217.
flavipes, 218.
fortis, 217.
gilvipes, 217.
humilis, 217.
inculta, 217.
inermis, 217.
lata, 217.
loewi, 217.
luteipes, 217.
marginata, 217.
medetera, 217.
moriella, 218.
var. dilutipes, 218.
var. setigera, 218.
nitens, 200, 218.
nuda, 201, 218.
obscuripennis, 218.
oedimera, 201, 218.
parvicornis, 202, 218.
pennescens, 202, 218.
phæoptera, 218.
pillipes, 218.
plumipes, 203, 218.
pubicornis, 218.
quadrisetosa, 203, 218.
scissa, 204, 218.
septentrionalis, 218.
var. mexicana, 204, 218.
spectabilis, 187, 218.
spinipes, 205, 218.
unipila, 218.
vitiosum, 218.
xanthopoda, 218.
Eurytona pissodis, 179.
Euryurus erythropygus, 371.
louisiana, 371.
Euschistus variolarius, 119, 125.
Eutonia, 443.
Fontaria, bimaculata, 371.
clara, 372.
lampra, 371.
Fontinalis antipyretica, 69.
Fracker, S. B., article by, 255.
Frison, Theo. H., article by, 43.
Fulgora sp., 227.
Fulton, B. B., article by, 93.
Galeottus, 262.
Galleria mellonella, 175.
Garnett, R. T., article by, 90.
Genitalia of Insects, Morphology, 109.
Geophilus mardax, 376.
Geranomyia, 443.
Gerrida, 260.

Gerris sp., 227.
Gonomyia, 443.
Graham, S. A., article by, 175.
Grasshopper, Thoracic Sclerites of, 347.
Gryllotalpa, 1, 4.
Gryllus, 4.
Gryllus pennsylvanicus, 119.
Glaser, R. W., article by, 19.
Hæmorrhagia diffinis, 431.
Harpalus caliginosus, 119, 128.
Helembius, 377.
  nannus, 378.
Hemichionaspis aspidistræ, 162.
  minor, 162.
Hemiptera, Thoracic Sclerites, 225.
Hemiscolopendra punctiventris, 375.
Hepialus humuli, 119, 129.
Herse cingulata, 406, 411.
Heteroptera, Thoracic Sclerites, 225.
Hippiscus, 363.
Homoptera cicadellinæ, 381.
Honeybee, Segmentation of the Abdomen, 1.
Hoplolabis, 443.
Houser, J. S., article by, 157.
Howardia biclavis, 160.
  biclavis detecta, 161.
Hyalymenus, 261, 262.
  longispinus, 263.
  pulcher, 262, 263.
  tarsatus, 262.
Hydrophilus, 4.
  triangularis, 119, 128.
Hylotoma, 1, 4.
Hypnum cupressiforme, 69.
  elodes, 69.
  exannulatum, 69.
  squarrosum, 69.
Idiocerus provancheri, 93.
Iowanus, 381.
  elongatus, 382.
  hebræus, 383.
  handlirschi, 382.
  spatulatus, 382.
Iris versicolor, 9.
Ischnaspis longirostris, 170.
Japanese Crane-flies, 443.
Jassus hebræus, 383.
Kraatz, Walter C., article by, 393.
Lapara, 408, 422.
  bombycoides, 423.
  coniferarum, 423.
Lepidosaphes beckii, 169.
  flava hawaiiensis, 170.
  gloverii, 170.
Lepisma, 2, 4.
  saccharina, 119.
Leptocorisa, 260.
  crudelis, 260.
  tipuloides, 260.
Leptinotarsa, 4.
Leptodesmus hispidipes, 370.
  okefenokensis, 370.
Libnotes, 443.
  nohirai, 445.
Life-history of the Leaf-eating Crane-fly, 66.
Limnobia avis, 444.
  avis flavo-abdominalis, 445.
Limnophila auribasis, 446.
  inconcussa, 446.
  japonica, 446.
  satsuma, 446.
  submunda, 446.
Linotænia fulva, 376.
Liogma, 69, 443.
  glabrata, 69.
  nodicornis, 69.
Locusta migratoroides, 20.
Lygæus sp., 227.
Machilis, 119.
Malacosoma disstria, 175.
Mallodon molarium, 97.
Managing Editor, Report of, 102.
Mantispa, 227.
Megalotomus, 261, 263.
  quinquespinosus, 264.
  5-spinosus, 255.
Melander, A. L., article by, 183.
Melanoplus, 30, 363.
  atlanis, 30, 33.
  bivittatus, 31.
  differentialis, 119.
  femur-rubrum, 28, 31.
Members of the Society, i (108).
Meris ferruginea, 31.
Metapodius sp., 227.
Micrelytrini, 257.
Morphology, Genitalia of Insects, 109.
Mosher, Edna, article by, 403.
Mycetophilidæ, Family, 319.
Myodocha, 260.
  tipuloides, 260.
Myriopods from Okefenokee Swamp, Ga., and from Natchitoches Parish, Louisiana, 369.
Naiads, 222.
Nannocrix, 376.
  porethus, 376.
Neides, 227.
Nemasoma pium, 373.
Neolithobius helius, 379.
  mordax, 379.
  transmarinus, 379.
Nelson, Jas. A., article by, 1.
Neosciara, 320.
  acuta, 338.
  actuosa, 339.
  columbia, 342.
  conglomerata, 335.
  ericia, 337.

Neosciara (*Continued*)
falcata, 331.
fatigans, 337.
felti, 339.
fochi, 331, 332.
grandis, 334.
hamata, 338.
joffrei, 331.
lobosa, 331.
luteola, 331.
macroptera, 339.
ovata, 336.
penna, 338.
perfecta, 341.
petaini, 334.
pilata, 337.
pollicis, 338.
polychæta, 335.
quadrispinosa, 331.
sexdentata, 340.
spinata, 336.
subtrivialis, 340.
trifolii, 331.
trifurca, 336, 337.
Nepa cinerea, 227, 239.
Nephrotoma, 443.
Nerophilus californicus, 119.
Nesopeza, 443.
geniculata, 448.
gracilis, 448.
pallidithorax, 449.
Newell, Anna Grace, 109.
Nomenclature, Committee on, 104.
Notes on the Genus Buprestis Linne in California, 90.
Notonecta undulata, 119.
Nymphs, Naiads and Larvæ, 222.
Observations on the Life History and Biology of Agromyza laterella, 9.
Observations on the Life History and Habits of Pilophorus walshii Uhler, 93.
Odonaspis secreta, 169.
Odonata, 2, 4.
Oedalens nigrofasciatus, 20.
Ormenis sp., 227.
Oropeza, 443.
Otocryptops sexspinosus, 375.
Pachysphinx, 408, 426.
modesta, 427.
modesta imperator, 427.
Panorpa lugubris, 119, 127.
Parajulus robustior, 373.
Paraphlepsius, 381.
Parlatoria pergandii, 170.
Pemphigus acerifolia, 227.
Periplaneta, 4.
orientalis, 119.
Petty, F. W., article by, 319.
Phalacrocera replicata, 69.
Philampelinæ, 409, 432.
Phlegethontius sexta, 119, 121.
Phthirius inguinalis, 97.
Phlepids of Mexico and Central America, 381.
Phlepsius (Dixianus) costomaculatus, 388.
utahnus, 388.
Phlepsius (Iowanus) elongatus, 382.
handlirschi, 382.
hebraeus, 382, 383.
majestus, 382.
spatulatus, 382.
Phlepsius (Texananus) areolatus, 385.
costomaculatus, 387.
eugeneus, 384.
excultus, 384, 386.
floridanus, 387.
hosanus, 384, 386.
loculatus, 387.
mexicanus, 384.
ovatus, 384, 387.
pulchripennis, 387.
stellaris, 387.
superbus, 384, 385.
utahnus, 387.
Phlepsius (Zionius) extremus, 388.
Pholus, 409, 432.
achemon, 433.
satellitia pandorus, 433.
Phyllodromia, 1.
Phymata sp., 227.
Pilophorus walshii, 93.
Pissodes strobi, 179.
Pittsburgh Meeting, 99.
Plecoptera, 4.
Podisus sp., 227.
Poecilocapsus sp., 227.
Polydesmus serratus, 372.
Populus balsamifera, 283.
Prionoxystus robiniæ, 119, 129.
Proceedings of the Entomological Society of America, 99.
Proserpinus, 409, 437.
gauræ, 438.
juanita, 437, 438.
Protenor belfragei, 255, 257.
Protoparce, 408.
quinquemaculatus, 412.
sexta, 412.
Pseudaonidia tesserata, 167.
Pseudischnaspis alienus, 169, 171.
bowreyi, 171.
linearis, 171.
longissima, 171.
parlatorioides, 169.
psidii, 159.
Pseudosphinx, 409, 429.
tetrio, 429.
Ptychoptera japonica, 444.
Pupæ of Common Sphingidæ of Eastern North America, 403.

Ranatra sp., 227.
Ranunculus fluitans, 69.
Record of Japanese Crane-flies, 443.
Revision of the Genus Sciara of the Family Mycetophilidæ, 319.
Rhabdocoris, 260.
Rhomalea, 351.
Saissetia oleæ, 160.
Salix, 283.
Schistocerca paranensis, 19, 20.
peregrina, 20.
Sciara, Revision of Genus, 319.
Sciara congregata, 329.
coprophila, 320.
cylindrica, 328.
forceps, 328.
globosa, 330.
habilis, 330.
jucunda, 329.
multisetifera, 328.
paradoxa, 341.
psittacus, 330.
Scirtes Tibialis Guer. with Observations on its Life History, 393.
Scolopendra heros, 375.
viridis, 375.
Scutigerella immaculata, 369.
Seasonal and Climatic Variation in Cerodonta, 63.
Secretary, Report of, 99.
Segmentation of the Abdomen of the Honeybee, 1.
Selenaspidus articulatus, 167.
Semanaphoræ, 407.
Sesiinæ, 409.
Sinea sp., 227.
Smerinthus, 408, 424.
astylus, 425, 426.
cerisyi, 425.
excæcata, 425, 426.
jamaicensis, 425.
myops, 425, 426.
Souche Cham, 30.
Sidi, 30.
Sphecodina abbotti, 436.
Sphingidæ, Common, 403.
Sphinx, 408.
chersis, 419, 420.
drupiferarum, 419, 420.
eremitus, 419, 422.
gordius, 419, 420.
kalminæ, 419, 421.
luscitiosa, 419.
Spirobolus marginatus, 374.
paludis, 374.
Stachyocnemus, 275.
apicalis, 275.
var. cinereus, 276.
Stauronotus maroccanus, 20.
Stellaria nemoralis, 69.
Stenocoris, 260.
Symphyla, 369.

Tabanus sulcifrons, 120, 130.
Tæniothrips inconsequens, 67.
Taylor, Leland H., article by, 225.
Tetracha suturalis, 97.
Tetrarhinus quebecensis, 257.
Texananus, 381.
Theatops posticus, 375.
Thoracic Sclerites of Grasshopper Dissosteira Carolina, 347.
Thoracic Sclerites of Hemiptera and Heteroptera, 225.
Tibicen septemdecim, 119.
Tipula, 120, 443.
aino, 449.
abdominalis, 120, 129, 120, 132.
coquilletti, 449.
nohiriæ, 449.
pulveolosa, 449.
Tivarbus, 262.
Tollius, 273.
curtulus, 273, 274.
setosus, 273, 274.
Trautvetteria grandis, 67.
Treasurer, Report of, 101.
Trichodes ornatus, 66.
Tricyphona, 443.
(Acyphona) vetusta, 447.
Triogma trisulcata, 69.
Tropidacris dux, 20.
Thyreocoris sp., 227.

Vespa maculata, 120, 131.
Viola biflora, 69.

Wax Moth Parasite, 175.
Woods, Wm. C., article by, 283.

Xiphidium, 1.
Xiphidium ensiferum, 119.
Xylophanes, 409, 439.
tersa, 406, 439.
Zaitha sp., 227, 237.
Zioninus, 381.
Zonocerus elegans, 20.